

L Number	Hits	Search Text	DB	Time stamp
-	1371	(324/537).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:34
-	319	((tracking same short same circuit\$1) and current and frequency and reference\$1 and time and range	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:43
-	20	tracking same short same circuit\$1 same current same frequency same reference\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:36
-	1	((324/537).CCLS.) and ((tracking same short same circuit\$1) and current and frequency and reference\$1 and time and range)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:34
-	107099	("324").CLAS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:34
-	14	((tracking same short same circuit\$1) and current and frequency and reference\$1 and time and range) and ("324").CLAS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:35
-	386	tracking same short same circuit\$1 same detect\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:35
-	6	("324").CLAS.) and (tracking same short same circuit\$1 same detect\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:36
-	1349	tracking same short same detect\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/16 21:09
-	212	(tracking same short same detect\$3) and (current same frequency)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:41
-	7	("324").CLAS.) and ((tracking same short same detect\$3) and (current same frequency))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:38
-	0	(tracking same short) and (current same frequency same rate same variat\$4 same range same reference\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:41
-	56	current same frequency same rate same variat\$4 same range same reference\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/25 00:47

-	4	current same frequency same rate same variat\$4 same range same reference\$1 and tracking and short and circuit\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/25 00:56
-	24	tracking same short same detect\$3 same frequency same predetermin\$3 same (value or range or level)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 21:28
-	15	(tracking near2 short) same detect\$3 same frequency	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 21:22
-	0	2001103657.URPN.	USPAT	2003/10/16 21:21
-	13	(tracking adj short) same detect\$3 same electr\$5 same circuit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 21:24
-	15	(tracking adj short) same detect\$3 same circuit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 21:25
-	2	((tracking adj short) same detect\$3 same circuit) not ((tracking adj short) same detect\$3 same electr\$5 same circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 21:24
-	31	(tracking adj short) same detect\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 21:25
-	16	((tracking adj short) same detect\$3 ) not ((tracking adj short) same detect\$3 same circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 21:26
-	23	(tracking same short same detect\$3) and (frequency same current same reference same (value or range))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 21:29
-	94	current same frequency same track\$3 same detect\$4 same rate same (value or level or range)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14:26
-	6	current same frequency same track\$3 same detect\$4 same rate same (value or level or range) same short	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14:27
-	18	current same frequency same detect\$4 same rate same (value or level or range) same short same circuit\$1 same electr\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14:29
-	3	(tracking adj short) same frequency	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14:30

-	4	(tracking adj short) same current same value	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 14:32
-	33	(tracking adj (short or breaker)) same current	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 14:45
-	7	(tracking adj (short or breaker)) and (current same frequency same circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 14:42
-	1	(tracking adj (short or breaker)) and (current same value same reference same (period or time))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 14:43
-	30	tracking same (short or breaker) same current same reference same value same (period or time)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:45
-	5	("5537374"   "5760991"   "5896365"   "5982722"   "6341113").PN.	USPAT	2003/10/17 14:47
-	1303	((340/309.6) or (340/398.3) or (340/635) or (340/638)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:36
-	2226	((361/93.1) or (361/102) or (361/115-116) or (361/435) or (361/634) or (361/656) or (361/663) or (361/673)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:31
-	387	tracking same short same circuit\$1 same detect\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:39
-	2395	((324/537) or (324/424) or (324/500)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:37
-	0	((340/309.6) or (340/398.3) or (340/635) or (340/638)).CCLS.) and (tracking same short same circuit\$1 same detect\$3 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:37
-	1	((361/93.1) or (361/102) or (361/115-116) or (361/435) or (361/634) or (361/656) or (361/663) or (361/673)).CCLS.) and (tracking same short same circuit\$1 same detect\$3 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:37
-	0	((324/537) or (324/424) or (324/500)).CCLS.) and (tracking same short same circuit\$1 same detect\$3 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:37
-	305963	("324" or "340" or "361").CLAS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 15:38

-	15	(tracking same short same circuit\$1 same detect\$3 ) and (((("324") or ("340") or ("361"))).CLAS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:38
-	396	track\$4 same short same current same detect\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:57
-	40	((("324") or ("340") or ("361"))).CLAS.) and (track\$4 same short same current same detect\$3 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:39
-	682	(tracking same short) and circuit\$1 and current and frequency and (value same reference)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:44
-	1	((("324/537) or (324/424) or (324/500)).CCLS.) and ((tracking same short) and circuit\$1 and current and frequency and (value same reference))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:44
-	9	((("324") or ("340") or ("361"))).CLAS.) and ((track\$3 same (short or breaker) same current) and (reference same value same (period or time) same frequency))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:46
-	73	(track\$3 same (short or breaker) same current) and (reference same value same (period or time) same frequency)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:10
-	60	((("324") or ("340") or ("361"))).CLAS.) and ((tracking same short) and circuit\$1 and current and frequency and (value same reference))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:50
-	10066	(h02h003/08 or H02H003/50 or H02H003/00or H01H083/02 or H05B006/12 or G01R031/02).ipc.	JPO	2003/10/17 15:56
-	2	(track\$4 same short same current same detect\$3 ) and ((h02h003/08 or H02H003/50 or H02H003/00or H01H083/02 or H05B006/12 or G01R031/02).ipc.)	JPO	2003/10/17 15:56
-	3121	track\$4 same short same current	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:56
-	3511	track\$4 same short same detect\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:57
-	4	((h02h003/08 or H02H003/50 or H02H003/00or H01H083/02 or H05B006/12 or G01R031/02).ipc.) and (track\$4 same short same current)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:57
-	6	((h02h003/08 or H02H003/50 or H02H003/00or H01H083/02 or H05B006/12 or G01R031/02).ipc.) and (track\$4 same short same detect\$3 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:57

-	162	((("324") or ("340") or ("361")).CLAS.) and (track\$4 same short same current)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 16:01
-	219	((("324") or ("340") or ("361")).CLAS.) and (track\$4 same short same detect\$3 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 16:01
-	231	track\$3 same (short or breaker) same current same detect\$4 same circuit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 16:10
-	4	((h02h003/08 or H02H003/50 or H02H003/00 or H01H083/02 or H05B006/12 or G01R031/02).ipc.) and (track\$3 same (short or breaker) same current same detect\$4 same circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 16:11
-	40	((("324") or ("340") or ("361")).CLAS.) and (track\$3 same (short or breaker) same current same detect\$4 same circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 16:12

**DialogWeb**  
Guided Search | new search | favorites | settings | order | cost | logoff | help

Dynamic Search: INPADOC/Family and Legal Status, JAPIO - Patent Abstracts of Japan, Derwent World Patents Index

Records for: *pn=jp 63060335* [save as alert...](#) [save strategy only...](#)

Output ☐ Format:  Output as:  [display/send](#)

Modify ☐ [refine search](#) [back to picklist](#)

select ☐ all ☐ none Records 1-2 of 2 In long Format

- ☐ 1. 4/34/1 (Item 1 from file: 347)  
02443435 SAFETY APPARATUS OF HUMAN BODY PRIVATES WASHING APPARATUS
- Pub. No.: 63-060335 A ]  
Published: March 16, 1988 (19880316)  
Inventor: OHARA MITSUHIRO  
KANEKO KENICHI  
SUZUKI KOICHI
- Applicant: AISIN SEIKI CO LTD [000001] (A Japanese Company or Corporation), JP (Japan)  
Application No.: 61-204322 [JP 86204322]  
Filed: August 29, 1986 (19860829)  
International Class: [ 4 ] E03D-009/08  
JAPIO Class: 28.1 (SANITATION -- Sanitary Equipment)  
JAPIO Keyword: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)

JAPIO (Dialog® File 347): (c) 2003 JPO & JAPIO. All rights reserved.

- ☐ 2. 4/34/2 (Item 2 from file: 345)  
8077563  
Basic Patent (No,Kind,Date): JP 63060335 A2 880316
- PATENT FAMILY:  
JAPAN (JP)  
Patent (No,Kind,Date): JP 63060335 A2 880316  
SAFETY APPARATUS OF HUMAN BODY PRIVATES WASHING APPARATUS (English)  
Patent Assignee: AISIN SEIKI

Author (Inventor): OHARA MITSUHIRO; KANEKO KENICHI; SUZUKI KOICHI  
Priority (No,Kind,Date): JP 86204322 A 860829  
Applic (No,Kind,Date): JP 86204322 A 860829  
IPC: \* E03D-009/08  
Language of Document: Japanese  
Patent (No,Kind,Date): JP 93048338 B4 930721  
Patent Assignee: AISIN SEIKI  
Author (Inventor): OHARA MITSUHIRO; KANEKO KENICHI; SUZUKI KOICHI  
Priority (No,Kind,Date): JP 86204322 A 860829  
Applic (No,Kind,Date): JP 86204322 A 860829  
IPC: \* E03D-009/08; G05F-001/10; H02H-003/08  
Language of Document: Japanese

Inpadoc/Fam.& Legal Stat (Dialog® File 345): (c) 2003 EPO. All rights reserved.

---

select		Records 1-2 of 2 In long Format	
all none			
Output ?	Format:	Long	Output as: Browser
Modify ?			display / send
		refine search	back to picklist

©1997-2003 Dialog, a Thomson business - Version 2.3

**DialogWeb**

Guided Search | new search | favorites | settings | order | cost | logoff | help

Dynamic Search: INPADOC/Family and Legal Status, JAPIO -Patent Abstracts of Japan, Derwent World Patents Index

Records for: **pn=jp 57193924** [save as alert...](#) [save strategy only...](#)

Output Format:  Output as:  [display/send](#)

Modify [refine search](#) [back to picklist](#)

select   Records 1-3 of 3 In long Format

☐ 1. 2/34/1 (Item 1 from file: 351)

003556588

WPI ACC No: 1983-A4777K/ 198302

Trucking fault detector protector - for power distribution  
cable NoAbstract

Patent Assignee: AKITA DAIGAKU-CHO (AKIT-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 57193924	A	19821129				198302	B

Priority Applications (No Type Date): JP 8178399 A 19810523

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 57193924	A		5		

Derwent Class: X13

International Patent Class (Additional): H02H-003/16

Derwent WPI (Dialog® File 351): (c) 2003 Thomson Derwent. All rights reserved.

☐ 2. 2/34/2 (Item 2 from file: 347)

01043624 TRACKING ACCIDENT DETECTING AND PREVENTING DEVICE

Pub. No.: 57-193924 A ]

Published: November 29, 1982 (19821129)

Inventor: KAWAMURA HIROMASA

NOTO FUMITOSHI

Applicant: AKITA DAIGAKU [000000] (A Japanese Government or Municipal Agency), JP (Japan)

Application No.: 56-078399 [JP 8178399]

Filed: May 23, 1981 (19810523)

International Class: [ 3 ] H02H-003/16

JAPIO Class: 43.3 (ELECTRIC POWER -- Transmission & Distribution); 41.5 (MATERIALS -- Electric Wires & Cables)



JAPIO (Dialog® File 347): (c) 2003 JPO &amp; JAPIO. All rights reserved.

☐ 3. 2/34/3 (Item 3 from file: 345)

4012075

Basic Patent (No,Kind,Date): JP 57193924 A2 821129

## PATENT FAMILY:

JAPAN (JP)

Patent (No,Kind,Date): JP 57193924 A2 821129

... TRACKING ACCIDENT DETECTING AND PREVENTING DEVICE (English)

Patent Assignee: AKITA DAIGAKU

Author (Inventor): KAWAMURA HIROMASA; NOTO FUMITOSHI

Priority (No,Kind,Date): JP 8178399 A 810523

Applic (No,Kind,Date): JP 8178399 A 810523

IPC: \* H02H-003/16

Derwent WPI Acc No: \* G 83-A4777K

Language of Document: Japanese

Inpadoc/Fam.&amp; Legal Stat (Dialog® File 345): (c) 2003 EPO. All rights reserved.

select  
all none

Records 1-3 of 3 In long Format

Output ?

Format:

Long

Output as:

Browser

display/send

Modify ?

refine search

back to picklist

©1997-2003 Dialog, a Thomson business - Version 2.3